

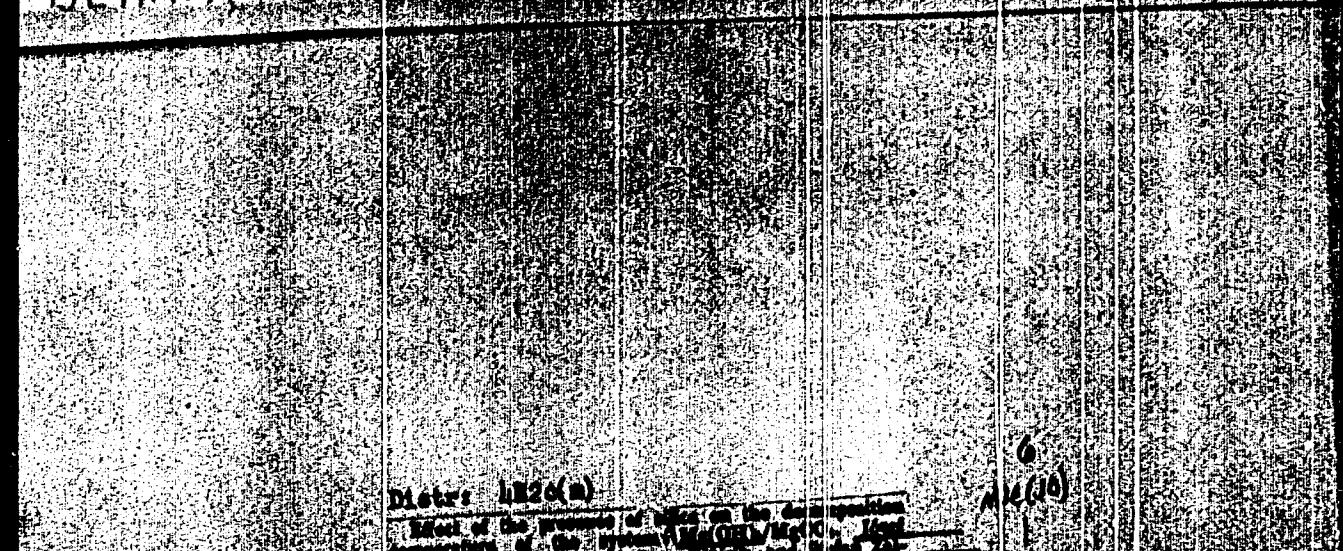
BERAK, Jozef, dr.inz.; GUCZALSKI, Romuald, mgr.; WOJCIK, Jerzy, insr.;
ZALWERT, Stefan, mgr.

Bentonites. Wiad chem 14 no.11:693-716 V '60.

1. Kierownik Laboratorium Syntezy Monomerow, Zaklad Naukowo-Badawczy, Zaklady Chemii Organicznej, Oswiecim (for Berak);
2. Starsi inżynierowie Laboratorium Syntezy Monomerow, Zaklad Naukowo-Badawczy, Zaklady Chemii Organicznej, Oswiecim (for Guczalski and Wojcik)
3. Kierowrık Pracowni Badan Strukturalnych, Laboratorium Syntezy Monomerow, Zaklady Chemii Organicznej, Oswiecim. (for Zalwert).

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3



APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3"

BERAK, Jozef, M.; GUCZALSKI, Romuald; WOJCIK, Jerzy; ZALWERT, Stefan

Upgrading of Polish made bentonite by acid treatment. Przem chem
39 no.9:573-575 S '60.

1. Zaklad Naukowo-Badawczy, Zaklady Chemiczne, Oswiecim.

BERAK, Josef

On possibilities of substituting fluorine by oxygen in
apatite. Chemia stosow 5 no.4:565-573 '61.

1. Katedra Chemii Nieorganicznej I, Politechnika, Wroclaw i
Katedra Chemii, Wydzial Inzynierjno-Ekonomiczny, Wyzsza
Szkola Ekonomiczna, Wroclaw.

MUREA, Larisa; WERMESCHER, B.; BERAL, H.

Applying amperometric titration with two electrode indicators in drug control. II. Bromination reaction by substitution as applied to resorcin. Rev chimie Min 12 no.12:723-726 D '61.

1. Institutul pentru Controlul de Stat al Medicamentului si Cercetari Farmaceutice.

(Drugs) (Bromination) (Resorcinol)

BERAK, Jozef

Phase equilibria in the system CaO-P₂O₅-CaF₂. III. The system
Ca₃(PO₄)₂-Ca(PO₃)₂CaF₂. Roczn. chemii 36 no.3:403-409 '62.

1. Department of Inorganic Chemistry I, Institute of Technology,
Wroclaw, and Department of Chemistry, Faculty of Engineering and
Economics, High School of Technology, Wroclaw.

HERAK, Jozef; ANCZUROWSKI, Edward

Phase equilibria in the systems $UO_2-P_2O_5$ and $UO_3-P_2O_5$.
Rocznik chemii 36 no.3:553-556 '62.

1. Katedra Chemii Nieorganicznej I, Politechnika, Wroclaw.

BERAK, Jozef

Basic principles of the phases of thermophosphates based on
calcium metaphosphate. Przem chem 41 no.2:74-77 F '62.

1. Katedra Chemii Nieorganicznej I, Politechnika, Wrocław i
Katedra Chemii, Wydział Inżynierjno-Ekonomiczny, Wyższa Szkoła
Ekonomiczna, Wrocław

33734

P/014/62/041/002/001/001
D204/D303

1/22/

AUTHORS: Berak, Józef, M., Guczalski, Romuald, Wojsik, Jerzy
and Zalwert, Stefan

TITLE: Synthesis of butadiene from ethyl alcohol, I. Mechanism, thermodynamics and catalysts

PERIODICAL: Przemysł chemiczny, v. 41, no. 2, 1962, 80 - 84

TEXT: A brief historical account, based on Soviet and Western work is first given of the Lebedev single-stage process for the synthesis of butadiene: $2\text{C}_2\text{H}_5\text{OH} \rightarrow \text{C}_4\text{H}_6 + \text{H}_2 + 2\text{H}_2\text{O}$ (Eq. 1), stressing the importance of the choice of catalyst on the yield. Earlier studies of the complex mechanism of this reaction are then described, accepting the conclusions of Gorin (Ref. 11, Trudy NIISK, 1, 2, 1948). The first stage is thought to be the dehydrogenation $\text{CH}_3 - \text{CH}_2\text{OH} \rightarrow \text{CH}_3 - \text{CHO} + \text{H}_2$ (Eq. 2), followed by condensation of the acetaldehyde: $2\text{CH}_3 - \text{CHO} \rightarrow [\text{CH}_3 - \text{CHOH} - \text{CH}_2 - \text{CHO}] + \text{CH}_3 - \text{CH}_2 - \text{OH}$.

Card 1/3

33/3A

P/014/02/041/002/001/001

Synthesis of butadiene from ethyl ... D204/D30³

$\text{CH}_3\text{CHO} + \text{H}_2\text{O} \rightarrow \text{Eq. 3}$. The $\text{C}=\text{O}$ group in crotonaldehyde is then hydrogenated with H_2 removed from the ethanol. $\text{CH}_3\text{CH(OH)CH}_2 + \text{H}_2 \rightarrow \text{CH}_3\text{CH}_2\text{OH} \rightarrow \text{CH}_3\text{CH}=\text{CH}-\text{CH}_2\text{OH} + \text{CH}_3\text{CHO}$ (Eq. 4). Finally, dehydration and isomerism yields butadiene: $\text{CH}_3\text{CH}=\text{CH}-\text{CH}_2\text{OH} \rightarrow \text{H}_2\text{O} + \text{CH}_2=\text{CH}-\text{CH}=\text{CH}_2$ (Eq. 5). The present authors' contribution consists of calculating equilibrium constants (K_p) for Eqs. 1 - 5, for 300, 400, 500, 600, 700, 800 and 1000°K. K_p 's for Eqs. 1 - 2 were calculated by the method of Ulich (Ref. 35). M. Karapetyans, Khimicheskaya termodinamika (Chemical Thermodynamics), Moscow, 1949), from the heats of reaction and entropy changes at 25°C. K_p 's for Eq. 3 - 5 were computed by the method of Bremner and Thomas (Ref. 36; Trans. Far. Soc. 44, 230, 1948), from the thermodynamic potentials. The values are tabulated, the authors stating that the choice of the optimum temperature for the process would depend on kinetic factors. In the remainder of the article the authors review the work done outside the USSR, concerned with the catalysts. It is concluded that the best choice would be MgO and SiO_2 .

X

Card 2/3

3373:

E/014/62/041/002/001/001
D204/D3C3

Synthesis of butadiene from ethyl ...

exact properties depending on the method of preparation and on additives. A high activity catalyst, B-4, developed at the Zakład naukovo-badawczy ZCh Oświęcim (Scientific Research Institute of the Chemical Works Oświęcim) will be described in Pt. II of this work. There are 1 figure, 1 table and 57 references: 37 Soviet-bloc and 20 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: J. Bremner and G. Thomas, Trans. Far Soc., 44, 230, 1948; H. Jones, E. Stanly and B. Carson, J. Am. Chem. Soc., 71, 1822, 1949; B.B. Carson, H.E. Jones, C.E. Welling, J.L. Hinckley and E.W. Stanly, Ind. Eng. Chem., 42, 359, 1950; G.S. Whistby, Synthetic Rubber, New York, 1954.

ASSOCIATION: Zakład naukovo-badawczy ZCh Oświęcim (Scientific Research Institute of the Chemical Works Oświęcim)

X

Card 3/3

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy; ZALWERT, Stefan

Synthesis of butadiene from ethyl alcohol. II.: Investigation of the activity of the B-4 catalyst. Przem chem 41 no.3:130-133 Mr '62.

1. Zaklad Naukowo-Badawczy ZCh Oświecim

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy

Synthesis of butadiene from ethyl alcohol. Pt. 3.
Influence of bentonite upon the quality of the catalyst.
Przem chem 41 no.4:190-191 Ap '62.

1. Zaklad Naukowo-Badawczy Zakladow Chemicznych, Dzwicim.

BERAK, Jozef M.; GLUZALSKI, Ryszard; WOJCIK, Jerzy

Synthesis of butadiene from ethyl alcohol. Pt. 4. Influence
of SiO₂ upon the decomposition temperature of magnesium hydroxide.
Przem chem 41 no.5:271-274. Ny '62.

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy

A new basis of testing the activity of butadiene catalysts. Przem
chem 41 no.6:300-302 Je '62.

1. Zaklad Naukowo-Badawczy, Zaklady Chemiczne, Uswiecam.

BERAK, Jozef, M.; GUCZALSKI, Romuald; WOJCIK, Jerzy

Influence of carbonate upon the properties of the $Mg(OH)_2-SiO_2$ system. Przem chem 41 no.7:380-382 Jl '62.

1. Zaklad Naukowo-Badawczy, Zaklady Chemiczne, Oswiecim.

BERAK, Jozef M.; GUCZALSKI, Romuald; WOJCIK, Jerzy; ZALWERT, Stefan

Cation exchange and thermal treatment and their influence upon
the rehydration property of montmorillonite from Kielce. Przem
chem 41 no.12:692-695 D '62.

1. Laboratorium Katalizy Zakladu Naukowo-Badawczego, Zaklady
Chemiczne, Oświecim.

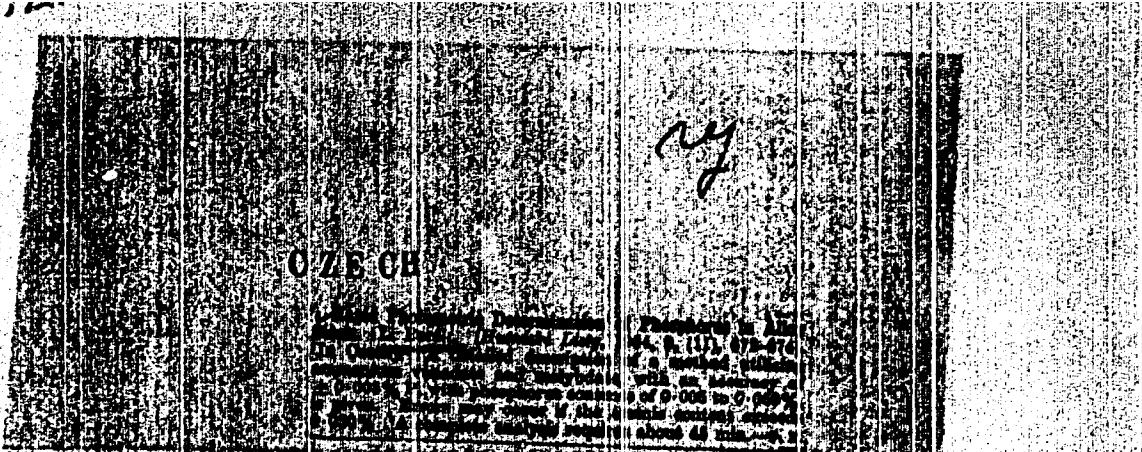
BERAK, Jozef.M..

Refining conditions and the acidity of bentonite from Keil'e.
Przem chem 42 no.1:28-31 Ja '63.

1. Laboratorium Katalizy Zakladu Naukowo-Badawczego, Zaklady
Chemiczne, Oswiecim.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3



APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3"

SAVANNAH RIVER

ARMED FORCES INTELLIGENCE INFORMATION CENTER
SECTION 6, 1981 AND OTHER INFORMATION, 1970-1980

1. Institute of Nuclear Research of the Chinese Academy of Sciences, Beijing, China.

B1

CZECHOSLOVAKIA/Analytical Chemistry - Analysis of Inorganic
Substances

R-2

Abs Jour : Ref Zhur - Khimiya, No 4, 1958, No 10973

Author : Lubomir Berak

Inst : Not Given

Title : Direct Complexometric Determination of Magnesium in
Aluminum Alloys with Eriochrome Black T.

Orig Pub : Ilustrické listy, 1957, 12, No 5, 434-345

Abstract : A method of Mg determination in Al alloys without any
preliminary separation of other elements, which can be
concealed by KCN and triethanolamine, was developed.
1 mlit. of 96%-unl KCN solution and 10 mlit of thiethan-
olamine conceal 100 mg of Al, 2 mg of Fe, 5 mg of Cu, 1
mg of Mn and 5 mg of Ni in 130 to 150 mlit of a solution
at $15 \pm 2^\circ$ and pH of about 10 in presence of NH_2OH . Ca
and Ti in usual amounts (under 0.05%) do not interfere with
the determination. 1 g of the alloy (> 0.4% of Mg) is
dissolved in 20 mlit of HCl (1 : 1), the solution is

Card : 1/2

CZECHOSLOVAKIA/Analytical Chemistry - Analysis of Inorganic
Substances

E-2

Abs Jour : Ref Zhur - Khimiya, No 4, 1958, No 10973

evaporated to about 2 to 3 mlit and diluted with water to 200 mlit. 80 mlit of water, 10 mlit of triethanolamine and 10 mlit of the buffer solution (11 g of NH₄Cl + 70 mlit of concentrated NH₄OH + water up to 200 mlit) are added to 20 mlit of the obtained solution, it is kept in a water bath at 15° until the solution becomes transparent or a little cloudy, 10 mlit of freshly prepared 10%-vol KCN solution and a little of Eriochrome black T (mixed with NaCl, 1 : 1) are added, and 5 minutes later it is titrated with a 0.01 M complexone III solution until a light-blue coloration appears (until greenish coloration, it Fe was present).

Card : 2/2

BERAK, L.; KLIK, F.; KOVANIC, P.

Some results of nuclear research in Czechoslovakia.
Vestnik CSAV 73 no. 1: 60-64 '64.

BERAK, Lubomir

Activated barium sulfate as microstrontium sorbent.
Jaderna energie 9 no. 12:392 D '63.

1. Ustav jaderneho vyzkumu, Ceskoslovenska akademie ved,
Rez.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3

Mr. K. Anthony

Section of Meteoritics and Planetary Geology
Minerals and rocks. Intern. Org., 1974, p. 150.

• Many meteorites contain the element iron.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3"

Lubomir Borak
D-1275

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of
Inorganic Substances.

E-2

Abstr Jour : Rof Zhur - Khim., No 10, 1958, № 32174

Author : Lubomir Borak

Inst : -

Title : Rapid Complexometric Determination of Zn in Copper Alloys

Orig Pub : Hutnicko listy, 1957, 12, No 9, 817-818

Abstract : A method of Zn determination is described. It is based on binding Zn (Cu and Ni as well) in cyanide complexes (other interfering elements are transferred into complexonates), the following dissociation of the Zn cyanide complex with formaldehyde and the titration of separated Zn²⁺ with a complexone III solution (I). 0.5 g of the alloy is dissolved in 10 mlit of concentrated HNO₃, the solution is evaporated until the N oxides are eliminated, diluted with water to 100 mlit and filtered. 20 mlit of the filtrate is diluted with water to

Card 1/2

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CZECHOSLOVAKIA / Analytical Chemistry. Analysis of
Inorganic Substances.

E-2

Abs Jour : Ref Zhur - Khim., No 10, 1958, No 32174

300 mlit. 0.25 g of $\text{NH}_2\text{OH} \cdot \text{HCl}$ is added, stirred (if there was less than 0.5% of Fe, 2 g of K-Na tartrate is added), 30 mlit of buffer solution (54 g NH_4Cl are dissolved in water, mixed with 350 mlit of concentrated NH_3OH and diluted with water to 1 lit) and 30 mlit of 2%-ual KCN solution are introduced; all is cooled to 15°, Eriochrome Black I (a mixture with NaCl, 1 : 100) is added until the color becomes violet or wine-red and the solution is titrated with 0.01 M solution of I until the color changes into blue. 10%-ual solution of CH_2O (1 to 3 mlit) is added to the titrated solution until the color changes into wine-red and 2 or 3 drops are added and the titration with 0.01 M solution of I is resumed adding the CH_2O solution at the same time until the color remains distinctly blue. The error of Zn determination is plus/minus 0.1%. The method is applicable to the analysis of a series of alloys containing Zn, As, Bi, Mn, Ni, P, S, Sb and Sn.

Card 2/2

BERAK, L.; MUNICH, J.

Separation of strontium from calcium by selective precipitation of strontium sulfate. Coll Cz chem 26 no.1: Ja '61.

1. Institut fur Kernforschung, Tschechoslowakische Akademie der Wissenschaften, Prag.

(Strontium) (Calcium) (Precipitation(Chemistry))
(Precipitation(Chemistry))

BAKALEYNIK, Ya.M.; BERAK, L.A.

The VP-350 air distributor. Sbor.mat.po avtom.proizv.prots.i disp.
no.5:118-121 '60. (MIRA 14:4)

1. Konstruktorskoye byure "TSvetmetavtomatika."
(Pneumatic control)

CZECHOSLOVAKIA

BERAK, L.; MUNICH, J.

Institute of Nuclear Research, Czechoslovak Academy of Sciences, Rez
near Prague (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 2, Feb
1966, pp 881-901

"Barium sulfate activated for sorption of strontium by heat treatment
with calcium sulfate."

BERAKOWA, A.; TOKARZEWSKA, M.

A conference on problems of progress in the field of obtaining
and processing polyvinyl chloride. Przem chem 41 no.7:4,00-
401 J1 '62.

BERAKOWA, A.

Conference on *Progress in Preparation and Processing of Polyvinyl Chloride*. Polimery tworz wielk 7 no.7/8:233-234 Jl-Ag '62.

1961, 1962

1963

1964, 1965. Chinese organization; central penthouse in residential complex, number 1, 1st floor, 1965. Located in MIC

Potential List of East European Agencies (July 1960) Vol. 1, No. 3

copy 1-5, Inclosed.

March

PRAHA, *

RUMANIA / Chemical Technology. Chemical Products and Their Application. Part 3. - Drugs, Vitamins, Antibiotics H-17

Abs Jour : Ref Zhur - Khim., No 14, 1958, No 47748

Author : H. Beral

Inst : -

Title : Upon Some Incompatible Cases of Pharmaceutical Preparations

Oriz Pub : Farmacia (Ruman.), 1957, 5, No 3, 240-256

Abstract : No abstract.

Card 1/1

Country : ROMANIA H-17
Category : Chemical Technology. Pharmaceuticals. Vitamins.
 : Antibiotics
Abs. Jour : Ref Zintechnica, No 14, 1959, No 1070
Author : Ghergh, H.; Dumitrescu, E.; Stoicescu, V.; *
Institute : " -
Title : Methods of Investigating Pharmaceutical
 : Preparations
Orig Pub. : Farmacie (Roman.), 1958,6, NO 4, 357-363
Abstract : Description of several simple and rapid deter-
 mination methods for various pharmaceutical
 mixtures and preparations that do not require
 separations and could be conducted in small
 quantities of solvent. Presented are deter-
 mination methods for the following mixtures:
 phenacetine, aspirin, and pyrazidon; phenace-
 tine, aspirin, and caffeine; phenacetine, an-
 tipyrine, and luminei; urectropine, salol,
 * Grintescu, P.
Card: 1/2

Country : H-17

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3

Country :
Category : Chemical Technology.
Abs. Jour : Rev Zhur-Mashin, No 14, 1959, No 50769
Author :
Assistant :
Title :

Copy Pub. :

Abstract : and sodium bicarbonate.
Card

H-17

Card: 2/2

H-81

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3"

H
CHIOGOLYA, G.; BERAL, M.; VASIL'IEV, P.; POFOVICH, N.; KOSMIN, Anna;
MADZHARU, M.; YAKOB, A.; LAKATOSH, L.; DIAKU, D.; PATRASEKU, S.

Determination of bismuth in Rumanian drugs by means of EDTA titration.
Spt.delo 8 no.6:67-69 N-D '59.
(MIRA 13:4)

1. Iz Instituta po lantrolyu kachestva medikamentov Ministerstva
zdravookhraneniya Rumynskoy Narodnoy Respubliki, Bucharest.
(BISMUTH--ANALYSIS)

BERAL, H.
SURNAME, Given Name

Country: Rumania

Academic Degrees:

Affiliation: *)

Source: Bucharest, Farmacia, Vol IX, No 7, Jul 1961, pp 403-411.

Data: "Study on the Conservation of Vitamins A, B₁, B₂ and C in Viplex
and Polyvitamin Products."

Authors:

BERAL, H.
MUREA, Lelisa.
RUSU, C.
IACOB, A.

*) Work performed under the auspices of the Institute for the Stat Control of Drugs and Pharmaceutical Investigations (Institutul pentru Controlul de Stat al Medicamentului si Cerdetari Farmaco-

670 981

BERAL, H.
Surname, Given Names

4

Country: Rumania

Academic Degrees:

Affiliation: Instituta for the State Control of Drugs and Pharmaceutical Investigations (Institutul pentru Controlul de Stat al Medicamentului si Cercetari Farmaceutice).

Source: Bucharest, Farmacia, Vol IX, No 8, Aug 1961, pp 501-504.

Data: "Study on the Conservation of Vitamins B₁, B₂, B₆ and PP."

Authors:

BERAL, H., -Pharmacist.-
MUREA, Larisa, -Pharmacist.-
RUSSU, C., -Pharmacist.-
IACOB, A., -Pharmacist.-

600 961643

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation: *)

Source: Bucharest, Farmacia, Vol IX, No 10, Oct 1961, pp 661-668.

Data: "Methods for the Determination of Water in Drugs."

Authors:

BERAL, H., -Pharmacist.-

STOICESCU, Viorica, -Pharmacist.-

GRINTESCU, Paulina, -Pharmacist.-

*) Work performed under the auspices of the Institute for the State Control of Drugs and Pharmaceutical Research (Institutul pentru Controlul de Stat al Medicamentului si Cercetari Farmaceutice).

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3

BERAI, H.; POPESCU, D.; CONSTANTINESCU, T.

Determination of 5,6-dimethylbenzimidazole. Rev chimie Min petr
13 no.1:54 Ja '62.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3"

WERMESCHER, B.; MUREA, Larisa; HERAL, H.

- Methods of amperometric titration with two indicating electrodes, applied to drug control. III. Determination of some sulfamides with potassium bromate. Rev chimie Min petr 13 no.2:105-107 F '62.

1. Institutul pentru Controlul de stat al medicamentului si cercetari farmaceutice.

WERMESCHER, B.; MUREA, L.; BERAL, H.

Application of the method of amperometric determination with
two electrode indicators in the control of medicaments. IV.
Rev chimie Min petr 13 no.3:172-173 Mr '62.

RUMAÑIA

BAL, H.; MREA, L.; ERNEA, B.; MAGNU, M.; OCUFLANU, L.

Institute of State Control of Medicines and Pharmaceutical Research (Institutul pentru controlul de stat al medicamentelor si cercetari farmaceutice) - (for all)

Bucharest, Farmacia, No 3, str 63, no 161-163.

"Application of Amperometric Titration Methods with two Indicative Electrodes in the Control of Drugs. VII. Study of the Conditions of Amperometric Titration of certain Sulfonamides with a Silver Nitrate Solution."

(5)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3

BERAL, H.; MUREA, L.; WERMESCHER, B.

Application of the amperemeter method with two indicator
electrodes in controlling medicaments. V. Rev chimie Min
petr 13 no.4:239-240 Ap '62.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3"

BERAL, H.; WERMESCHER, B.; MUREA, L.; MADGEARU, N.; CUCIUREANU, E.

Ampereometric study of the addition reaction of bromine to double bonds illustrated by the determination of phanoxilon and evipan. Rev chimie Min petr 14 no.1:49-50 Ja '63.

1. Institutul pentru controlul de stat al medicamentelor si cercetari farmaceutice.

BERAL, H.; MUREA, L.; WERMESCHER, B.; MADGEARU, M.; CUCIUREANU, E.

Study of the amperometric titration conditions of some sulfonamides with sodium nitrate solution. Rev chimie Min petr 14 no.1:50 Ja '63.

1. Institutul pentru controlul de stat at medicamentelor si cercetari farmaceutice.

ERAL, H.; CONSTANTINESCU, T.

Determination of p-oxypropiophenone in E-365 phrenanthol tablets. Rev chimie Min petr 14 no.4:235-236 Ap '63.

1. Institutul pentru controlul de stat al medicamentelor si cercetari farmaceutice.

BERAL, H.; WERMESCHER, B.; MUREA, L.; MAGDANU, H.; STOIANU, G.

Amperometric dosing of Milt ergan. Rev. chimie Min. petro. (Bucuresti),
764 D '64.

I. Institute for State Control of Medicine and Pharmaceutical
Research, Bucharest.

BERAL, H.; WERMESCHER, B.; MUREA, L.; CUCIUREANU, EL.; MADGEARIU, M.

Study of the amperometric dosing method using cerium sulfate as a titration agent with application to the promethazine determination. Rev chimie Min petr 16 no.2: 105 F '65.

1. Institute for State Control of Medicine and Pharmaceutical Research, Bucharest.

L 31452-66 EWT(t)/TII JIP(c) JP/JP

SOURCE CODE: RU/0003/65/016/002/0105/0105

ACC NR: AP6023182

AUTHOR: Gherghel, H.; Neagu, B.; Murea, L.; Cuciuroanu, El.; Madgearu, M.

ORG: Institute for the State Control of Drugs and Pharmaceutical Research (Institutul
pentru controlul statului al medicamentelor si cosmeticii farmaceutice)

TITLE: Study of the method of amperometric determination using cerium sulphate as
titration agent with special application to the determination of promethazine

SOURCE: Revista de chimie, v. 16, no. 2, 1965, 105

TOPIC CODE: amperometric titration, cerium compound

ABSTRACT: The authors found that amperometric titration using cerium sulfate is a
catalytic method for the determination of promethazine with an applied current of
10 to 20 millivolt, 2 platinum electrodes and the sulfuric acid concentration
maintained at 2.5 N. The error of the method is within ± 0.70 percent. Orig. art.
has: 1 figure and 1 table. [JPM]

SUB CODE: 07 / DATA DATE: none / OTH REF: 002

Card 1/1 37 T

0715

1393

L 34900-66
ACC NR: AP6026620

SOURCE CODE: RU/0003/65/0.6/005/0293/0293

AUTHOR: Boral, N.; Ignat, V.

ORG: Instituto for the State Control of Drugs and Pharmaceutical Research (Institutul pentru controlul de stat al medicamentelor si cercetari farmaceutice)

TITLE: Determination of p-acetaminobenzaldehyde-isonicotinoyl-hydrazone in INHA tablets

SOURCE: Revista de chimie, v. 16, no. 5, 1965, 293

TOPIC TAGS: bromide, bromate, quantitative analysis, pharmacology, drug

ABSTRACT: The authors describe a bromometric method for the direct determination of the active substance from the powdered INHA tablets. The method involves treatment of the powder with an excess of a bromate-bromide mixture in dilute hydrochloric acid medium, followed by titration of the excess bromine. The method is simple and precise, with an error of ± 2.11 percent. Orig. art. has: 1 table. [JPRS]

SUB CODE: 07, 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 005

Card 1/1

105

09/16

27247

L 30773-66

ACC NR: AP6020261

SOURCE COLE: RU/0003/65/016/11-/C600/0601

15
16

AUTHOR: Murea, L.; Bernal, H.; Cuciureanu, E.; Madgearu, M.

ORG: Institute for the State Control of Drugs and Pharmaceutical Research
(Institutul Pentru Controlul de Stat al Medicamentului si Cercetarii Farmaceutice)

TITLE: Determination of methoxy-3(dimethylamino 3-methyl-2-propyl)-1C-phenothiazine
(Nozinan) in pharmaceuticals

SOURCE: Revista de chimie, v. 16, no. 11-12, 1965, 600-601

TOPIC TAGS: amperometric titration, pharmacology

ABSTRACT: The authors describe the amperometric determination of Nozinan tablets and liquid. The method elaborated requires approximately 30 minutes per determination and is more specific, more exact and simpler than the gravimetric method used before. Orig. art. has: 1 figure and 1 table. [JPRS]

SUB CODE: 07, 06 / SUBM DATE: none

Card 1/1 15

L 39125-66

ACC NR: AP6030354

SOURCE CODE: RU/0003/65/016/003/0169/0169

AUTHOR: Beral, H.; Calineteanu, I.; Dumitrescu, E.; Grintescu, P.

29

ORG: Institute for the State Control of Drugs and Pharmaceutical Research (Institutul
pentru controlul de stat al medicamentelor si cercetari farmaceutice)

B

TITLE: Quantitative determination of 7-chloro-2-methylamino-5-phenyl-3H-1,
4-benzodiazepin-4-oxide from librium pills

SOURCE: Revista de chimie, v. 16, no. 3, 1965, 169

TOPIC TAGS: dioxane, chloroform, perchloric acid, tranquilizer, pharmacology

ABSTRACT: The authors tested several methods for the analysis of Librium pills. Best results were obtained by titration with perchloric acid in dioxane as titrating agent, of the ground pills dissolved in chloroform. Methyl red was the most effective indicator. Orig. art. has: 1 table. [JPRS]

SUB CODE: 07, 06 / SUBM DATE: none / OTH REF: 003

ms
Card 1/1

L 31901-66

ACC NR: AP6026622

SOURCE CODE: RU/0003/65/016/005/0294/0295

30
31

AUTHOR: Boral, H.; Ivan, C.; Stoicescu, V.

ORG: Institute for the State Control of Drugs and Pharmaceutical Research (Institutul
pentru controlul de stat al medicamentelor si cercetari farmaceutice)

TITLE: Determination of N-methyl-3-benzoyl-4-hydroxy-4-phenyl-piperidine hydrochloride
and procaine hydrochloride in injectable A.L.U.

SOURCE: Revista de chimie, v. 16, no. 5, 1965, 294-295

TOPIC TAGS: quantitative analysis, chloroform, perchloric acid, dioxane, pharma-
cology, drug

ABSTRACT: The authors describe a method for the determination in non-aqueous medium
of this anesthetic substance, either pure or as the injectable solution. The method
involves titration in chloroform solution with a solution of perchloric acid in
dioxane, using metanil yellow as indicator; it is simple and accurate and is sug-
gested for use in quality control. Orig. art. has: 2 tables. [JPRS]

SUB CODE: 07, 06 / SUBM DATE: none / ORIG REF: 002 / OTI REF: 002

Cord 1/1 11/05

L 42227-66

ACC NR: AP6031575

SOURCE CODE: RU/0003/66/017/001/0046/0047

AUTHOR: Murea, L.; Beral, H.; Cuciureanu, E.; Madgearu, M.ORG: Institute for the State Control of Drugs and Biological Products (Institutul pentru controlul de stat al medicamentelor si cercetari farmaceutice)

TITLE: Amperometric determination of some barbituric derivatives by means of silver nitrate solution

SOURCE: Revista de chimie, v. 17, no. 1, 1966, 46-47

TOPIC TAGS: amperometric titration, drug, silver nitrate

ABSTRACT: The authors determined the optimal conditions for the amperometric titration with two indicator electrodes of luminal, veronal and amital with silver nitrate solution. Quantities of 0.03 to 0.1 grams can be determined with an error of ± 0.23 to ± 0.32 percent. Orig. art. has: 1 figure and 1 table.
[JFRS: 36,002]

SUB CODE: 07, 06 / SUBM DATE: none / SOV REF: 004 / OTH REF: 009

Card 1/1 *b7c**0779 0260*

42223-66 EMP(1) RM

ACC NR: AP6031479

SOURCE CODE: MU/0003/66/017/001/0050/0050

AUTHOR: Ignat, V.; Boral, H.

ORG: none

TITLE: Determination in non-aqueous medium of 1-ethyl-, 7-methyl-1,4-naphthiridine,
4-on, 3-carboxylic acid

SOURCE: Revista de chimie, v. 17, no. 1, 1966, 50

TOPIC TAGS: quantitative analysis, organic solvent

ABSTRACT: After testing dimethylformamide, ethylenediamine, methanol, benzene and mixtures of these as solvents for the determination of the product, the authors determined that best results are obtained with ethylene diamine, using azo-violet as indicator, or with a 1:2 mixture of dimethyl-formamide and methanol, using thymol blue as indicator. Orig. art. has: 1 table. [JPRS: 36,002]

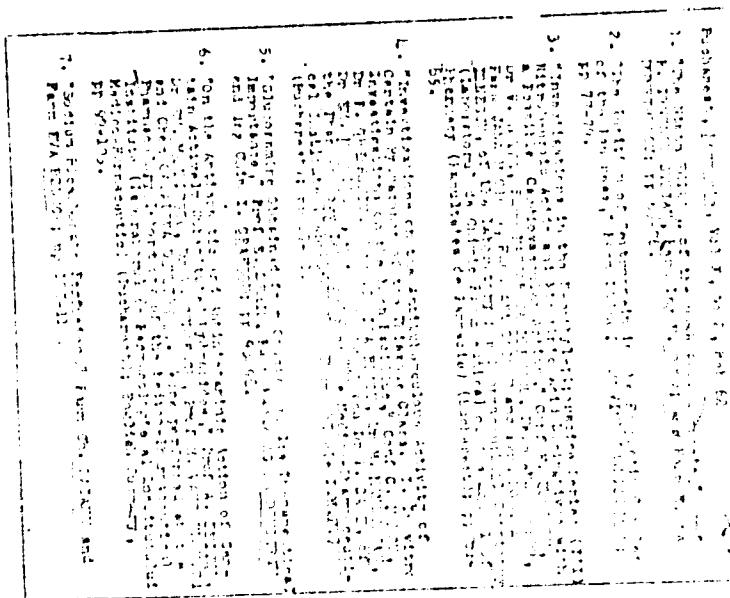
SUB CODE: 07 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 002

Cord 1/1 Jdk

0779 0364

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3



APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3"

~~BERAL, Kh. [Beral, C] (Bukharest); DEMETRESKU, Ye. (Bukharest); STOICHESCU, V. (Bukharest); KALAFETEANU, I. (Bukharest); GRINTSESKU, P. (Bukharest)~~

Methods for controlling pharmaceutic preparations. Apt. de lo 10 no.4:
82-85 Jl-Ag '61. (MIA 14:12)

1. Institutul de Cercetari Farmaceutice si Sontrolul Medicamentelor,
Bucuresti.

(DRUGS--STANDARDS)

BIRKIN, A.

Setts for deep drilling used in geological research.

P. 257 (Mechanisace) Vol. 4, No. 6, June 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (SEEA) LC. - VOL 7, NO. 4, JAN. 1953

BERAN, A.

"New working methods and improvement suggestions in the Prumstav National Enterprise in Pardubice." p. 147

POZEMNI STAVBY. Praha, Czechoslovakia, Vol. 7, No. 3, March, 1959

Monthly List of East European Acquisitions (EEAI), I.C., Vol. 8, No. 9, September 1959
Uncl.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3

BURAN, Antonin, inz.

A high-wall freight car for ore and fuel transportation. Zel dop techn 10
no. 2: 58-59 '62.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3"

BERAN, Antonin

Railway cars for transportation of powder and grain materials. Zel
dop tech 10 no. 3:70. '62.

BERAN, Antonin

Special railroad cars for transportation of powdered and granular materials of the Czechoslovak Railroads. Inz stavby 10 no.11:Suppl.:Mechanizace no.11:127-130 '62.

1. Vyzkumny ustav kolejovych vozidel, Praha.

BIRAN, Antonin

A new type series Ra tank car. Zel dop tech 10 no.10:307 '62.

BERAN, C M.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application. Part 2. - Ceramics. Glass.
Binders. Concretes. - Glass.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71550.

Author : C.M. Beran.

Inst :

Title : Glass Containing Above 96% of SiO₂ " Production
Method and Utilization.

Orig Pub: Sklar a keramik, 1958, 8, No 1, 10.

Abstract: The production method of glass (G) containing more
than 96% of SiO₂, and the peculiarity of which is
the separation of fused SiO₂, consists in the fol-
lowing: first glass corresponding to the molecular
composition Na₂O.B₂O₃.SiO₂ is melted; its peculiari-
ty is the splitting into two different phases at

Card : 1/3

-v

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application. Part 2. - Ceramics. Glass.
Binders. Concretes. - Glass.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71550.

the temperature close to the softening point of G. One of these phases, the rich one in SiO₂, produces the skeleton of the future porous glass, and the other, in which B₂O₃ and Na₂O prevail, is soluble in mineral acids; the dissolution rate is about 1 mm (cf the thickness) per 8 hours. Glass treated with acids possesses minute communicating pores, dimensions of which are 30 to 50 Å; its specific surface is 200 sq.m per cub.cm. Such a porous glass lets water through (0.001 ml per sq. cm x hour under 1 atm pressure), its absorption of air moisture is 25% and it can be used for making bacteriological, monochromatic and catalytic filters. If the porous

Card : 2/3

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application. Part 2. - Ceramics. Glass.
Binders. Concretes. - Glass.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71550.

G was heated to 1000 - 1100°, the pores become sealed and glass with following properties is obtained: SiO₂ content - from 96 to 98%, thermal expansion factor - $7.5 \cdot 10^{-7}$, softening point - 1500°, transformation temperature - 900°, tangent of the angle of dielectric losses at 1 megacycle and 20° - $-5 \cdot 10^{-4}$, specific resistivity - a little less than that of fused quartz, high acid and alkali resistivity. As far as its properties are concerned, "Vycor" glass is but little inferior to fused SiO₂ and its production is easier and cheaper. Production of tubes and little crucibles with walls up to 3 mm thick of that glass was started in Czechoslovakia.

Card : 3/3

A11578* Quality of Razor Blades. József Körösi. (Czech.)
Msc. Körösi and P. Barta. Published, v. 6, no. 1, Jan. 1956.
p. 39-44.
Description of manufacturing method. Inspection, classification,
and control of quality. Study of sharpness and its geometry.
Micro-structure and micro-tension. Diagrams, micro-graphs,
photographs.

PERAN, F.

Coal defrosting in steam electric-power plants. p. 293.

ENERGETIKA. Praha, Czechoslovakia, Vol. 9, no. 6, June 1959

Monthly list of East European Accessions, (EEAI) LC, Vol. 8, No. 10,
Oct. 1959
Uncl.

BERAN F.

Operating experiences with double-draft combustion-chamber boiler furnaces using two-stage pulverizing equipment. p. 485.

ENERGETIKA. Praha, Czechoslovakia. Vol. 9, no. 10, Oct. 1959.

Monthly list of East European Acquisitions (EEAI) IC. Vol. 9, no. 2 Feb. 1960
Uncl.

BERAN, Frantisek, inz.

Joint television and radio antennas. Cs spoje 9 no.3:3-6 Je
'64.

1. Central Admisistration of Telecommunication.

CZECHOSLOVAKIA

HRBEK, Jan; KOMENDA, S.; SIROKA, A.; BEHAN, I.; BIRKAS, O.; Department of Pathol. Physiol, and Dept. of Medical Physics, Medical Faculty, Palacky University, Olomouc. [Orig. version not given.]

"The Effect of Some Antidepressants and Antihistaminics on Conditioned Artificial Verbal Associations."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, p 353

Abstract: The effect of 75 mg of propazenine, 75 mg of prothaldien, 75 mg of imipramine, and of a placebo was investigated on 16 students 17 - 19 years old. Only after the administration of imipramine was a deterioration of the performance noticeable. In a second series of tests 75 mg of theadryl, 75 mg of bromcodyl and 75 mg of medrine were tested. Only medrine caused a deterioration of the performance. 3 Czech references. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18-22 Jan 66. Article is in English.

1/1

BERAN, I.; KOHOUTOVA, V.; KODLOVA, E.

Various diagnostic and therapeutic problems of streptococcal endocarditis. Cas. lek. cesk. 104 no. 12;829-833 30.12.1965.

I. I. interni oddeleni nemocnice v Praze 5-Motole (zaistil MUDr. I. Beran).

BERAN, I; KECOVA, H.; LINTOSNIK, V.

Insulin resistant diabetes; clinical aspects. Cas. lek. cesk. 90
no.1:6-11 5 Jan 51. (CIML 20:6)

1. Of the First Internal Clinic (Acting Head--Prof. V. Jonas, M.D.).

NIEDERLE, B.; BERAN, I.; FALTUS, H.; SUDEK, J.

Thromboembolic disease in surgical, internal and gynecological-obstetrical departments. Cas. Lek. Cesk. 101 no. 6: 161-167 9 F '62.

1. Chirurg. oddel., prednosta prof. dr. B. Niederle, Interni oddel., prednosta dr. I. Beran, a gynekol.-porod. oddel., prednosta doc. dr. V. Sebak, nemocnice v Praze-Motole.

(THROMBOEMBOLISM)

HERAN, J.; VALENT, F.

Resistance of circular conductors with narrowing section.
El tech cas 13 no.5:312-313 '62.

BERAN, Jaroslav

Primary cycle gas pollution by corrosion products. Jaderna
energie 6 no.11:361-364 N '60.

1. Leninovy zavody, Plzen

NADVORNÍK, Pavel; PETR, Rudolf; BIRAN, Jiri; DROZEN, Vladimír; PARIZEK, Jan; SCHINDLERY, Ctibor.

High frequency generator for stereotactic electrocoagulation
constructed by the authors. Sborn.ved.prac.lek.fak.Karlov.
Univ.(Hrad.Kral.) 6 no.3:331-334 '63.

1. Neurochirurgická klinika, Universita Karlova (prednostat:
prof., MUDr. R.Petr).

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"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3

BERAN, Jiri

~~Exhibition on two hundred years of Czechoslovak science.~~
~~Vestnik CSAV 72 no.1:75-77 '63.~~

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3"

S/261/62/000 C09/001/001
1007/1207

Authors Beran, J., Daněk, V., and Kopecký, Fr

Title PUMP FOR LIQUID METALS [Abstractor's note: incomplete translation of Czech title]

Periodical *Referativnyy zhurnal, Mashinostroyenie*, no. 9, 1962, abstract 349150 ("Techn. zpravy CKD" v. 6, no. 12, 1960, 393-399)

Text Description is given of a pump for conveying liquid metals. A system of rotating permanent-magnets creates a rotating magnetic field. The movable pumping tube passes between the pole shoes of these magnets

[Abstractor's note Complete translation.]

Card 1/1

BERAN, Josef

The LF 36 automatic counterpressure filling machine put
into operation. Kvasny prum 10 no. 3: 63-65 Mr '64.

1. Prazske cukrarny a sodovkarny National Enterprise,
Prague.

HERAN, Jcsef

Technological remarks on the design of a fine pastry production
line. Prum potravin 14 nc.7:362-363 J1 '63.

1. Vyzkumny ustav mlynskeho a pekarenskeho prumyslu, Praha.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3

BHERAN, J., inz.

Distribution of gas in local networks under an increased operational stress. Paliva 44 no. 5/6: 186-189 My-Je '64.

1. Plynoprojekt, Prague.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3"

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application. Treatment of Solid Mineral Fuels. II-22

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 26454

Author : Sunderhauf F., Beran J., Korda J.
Inst : -

Title : Determination of Lowest Limits of Quality and Particle
Size of Ground Fuels for Chain Grates.

Orig Pub : Sbirka praci vyzkumn. ust., 1957, A9, No 27-29, 84-134

Abstract : On the basis of experimental study data secured on combus-
tion on chain grates of pulverulent and low-grade fuels
of different kind, minimum quality of these fuels was
determined from the standpoint of their suitability for
combustion on chain grates of new design. To lower qua-
lity requirements of the fuels there are proposed labora-
tory tested procedures of pneumatic sorting of fuel and
bottom ignition of fuel bed. Data secured on experi-
mental unit are being utilized in planning of an enlarged
plant.

Card 1/1

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3

BERAN, J.

Some results of the conference on traffic engineering in Vienna. p.22
(Slnice, Vol. 4, No. 1, Jan. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EWAL) L., Vol. 4, No. 9, Sept. 1957. Uncl.

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000200020013-3"

BERAN, J.

"Indicator for level measurement of loose and piece materials in bunkers."

AUTOMATISACE, Praha, Czechoslovakia, Vol. 2, no. 5, May 1959

Monthly List of East European Acquisitions Index (EEAI), LC, Vol. 8, No. 8,
August 1959

Unclassified

PRIBRSKY, Jan, MUDr.; BERAN, Jan, PhMr.

Aeronomic research in gynecological institutions. Cesk. gyn. 22[37]
no. 1/2:157-156 Jan 58.

1. Por. gyn. odd. KUNZ, Ceske Budejovice, prednost MUDr. J. Pribrsky,
Kraj. transfusni st., Ceske Budejovice, prednosta MUDr. Z. Palcuseova.
Mikrobiol. odd. KUNZ, Ceske Budejovice, prednosta MUDr. V. Potuznik.
J. P., KUNZ, nemocnice v C. Budejovicich.

(AIR, microbiol.
in gynecol. wards (Cz))

(HOSPITALS,
air microbiol. in gyn. wards (Cz))

BERAN, JAN.

Alojzija Garazsija, a pioneer of the Soviet method of outdoor cattle breeding on collective farms.

SO: Monthly List of East European Accession (EEAL) LC. Vol. 6, No. 7, July 1957. Uncl.

LEDINSKY, Q.; LEDINSKA, N.; FANTIS, A.; BERAN, J.

Histological changes in various organs at the beginning of & during hibernation. Česk. neur. 21 no.4:262-266 July 58.

1. I. chirurgicka klinika v Plzni, prednosta doc. Dr Domansky, ustanoviteľ experimentálnej patologie VIA JEP, neurochirurgicka klinika VIA JEP, ustanoviteľ soudniho lekárstva VIA JEP, Q. L., Plzen, Neurolog. klinika.
(HIBERNATION, ARTIFICIAL, eff.)

histol. eff. on rabbit organs, comparison with simple hypothermia (Cz))
(HYPOTHERMIA, eff.)

histol. eff. on rabbit organs, comparison with artif. hibernation (Cz))

SICHA, Vladimir; BERAN, Jiri

Demonstration of copper ions in the dental pulp after the use of
so-called cupric cement. Sborn. ved. prac. lek. fak. Karlov. univ.
(Hrad Kral) 4 no.3:323-331 '61.

1. Stomatologicka klinika; prednosta doc. MUDr. L. Savama Katedra
soudniho lekarstvi; zast. prednosta MUDr. J. Beran.

(DENTAL MATERIALS) (COPPER metab)
(DENTAL PULP metab)

SRCH, Milan; BERAN, Jiri

Self-mutilation with sharp instruments. Sborn. ved. prac. lek. fak.
Karlov. univ. (Hrad Kral) (Suppl.) 4 no.4:381-392 '61.

1. Katedra soudniho lekarstvi; zast. prednosta MUDr. J. Beran.
(SELF MUTILATION)

KROO, Michal; BERAN, Jiri

Clinical and patho-anatomical studies on 100 fatal brain injuries.
Rozhl. chir. 40 no.11:713-718 N '61.

1. Neurochirurgicka klinika lekarske fakulty KU v Hradci Kralove,
prednosta prof. dr. Rudolf Petr Ustav soudniho lekarstvi lekarske
fakulty KU v Hradci Kralove, prednosta dr. Jiri Beran.

(BRAIN wds & inj)

KOCANDRLE, V.; HRUSKA, V.; VYSKOCIL, J.; BERAN, J.

Contribution to the problem of regional enteritis. Rozhl. chir. 41
no.2:98-106 F '62.

1. Chirurgické oddelení OUNZ v Liberci, prednosta MUDr. V. Drasnar
Chirurgické oddelení OUNZ v Jablonci n. N., prednosta MUDr. V. Hruska
Ustřední rtg oddelení OUNZ v Liberci, prednosta MUDr. J. Vyskocil.

(ILEITIS REGIONAL surg)

NADVORNIK, P.; PETR, R.; NEMECER, St.; SCHINDLERY, C.; BERAN, J.

Topometry of the cerebellar nuclei. Česk. neurol. 26 no.5:
304-306 S '63.

1. Neurochirurgicka klinika lekarske fakulty KU v Hradci
Kralove, prednosta prof. dr. R. Petr Katedra soudniho lekarstvi
lekarske fakulty KU v Hradci Kralove.
(CEREBELLUM) (NEUROSURGERY) (ANATOMY)

BERAN,J.; VYSKOCIL,J.; HRUSKA,V.; REJHA,J.

Contribution to the roentgen diagnosis of benign mesenchymal tumors of the digestive system. Cas.lek. cesk. 103. no.4:
89-93 24 Ja'64.

1. Rentgen. oddeleni nemocnice v Liberci (vedouci: MUDr. J.Vyskocil ; Chirurg. oddeleni nemocnice v Jablonci (vedouci:MUDr. V.Hruska) a Chirurg. oddeleni nemocnice v Liberci (vedouci MUDr. V.Drasnar).

*

MALVORNIK, L.; BERAN, J.; NEMCÍK, S.; ROMEILOVÁ, V.; KAUFERMAN, Z.; GABRIEL, J.

Clinical and anatomical correlations in spinal cord injuries
(methodical study). Rozhl. chir. 43 no.10:658-662 C '64.

1. Neurochirurgická klinika (prednosta prof. dr. E. Petr),
Ústav soudního lekarství (pracovata doc. dr. J. Beran),
lékařské fakulty Karlovy Univerzity v Brně i Kralové.

STOVICEK, Z.; REJHA, J.; BERAN, J.

Intermittent intestinal obstruction with mesenteric cysts in
an 8-year-old girl. Česk. pediat. 20 no. 2:157-159 7 '65

1. Detske oddeleni (vedouci: doc. dr. M. Gostof, ČSs.);
chirurgické oddeleni (vedouci: MUDr. V. Drasnar), rent-
genologicke oddeleni (zast. vedouci: MUDr. J. Beran) okresni
nemocnice v Liberci.

GOSTOF, R.; STOVICEK, Z.; PUR, J.; BERAN, J.

Neurofibromatosis in 5 children. Cesk. pediat. roč. 11: 975-976
N '65.

1. Detske oddeleni (vedouci doc. dr. R. Gostof, f.Dr.), patolo-
gickoanatomicke oddeleni (vedouci MUDr. J. Pur) a rentgenolo-
gicke oddeleni (vedouci MUDr. J. Vyskocil) nemocnice v Liberci.

NADVOŘÍČK, F.; NEMEČEK, S.; BEJAN, J.; KOCÍKOVÁ, V.

Clinical and anatomical correlations in injuries of the cervical spinal cord. Rozhl. chir. 44 no. 9:641-647 3 '65.

1. Neurochirurgická klinika lékarské fakulty Karlovy University
v Hradci Králové (prednosta prof. dr. h. Petr).